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PTO/SB/21 (08-03)

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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/027,669	
	Filing Date	December 21, 2001	
	First Named Inventor	Rama Akella	
	Art Unit	1654	
	Examiner Name	Jeffrey E. Russel	
Total Number of Pages in This Submission	*	Attorney Docket Number	SBI-111 (1536-01700)

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): <ul style="list-style-type: none">• Form PTO-1449 (with copies of cited references)• Acknowledgement Postcard
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm Or Individual Name	Carol G. Mintz, PTO Reg. No. 38,561
Signature	<i>Carol G. Mintz</i>
Date	October 20, 2003

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
Typed or Printed Name	Frances Hampton		
Signature	<i>Frances Hampton</i>	Date	October 20, 2003

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P. O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

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112421.01/1536-01700



THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Rama Akella et al. §
§
SERIAL NO.: 10/027,669 §
§
FILED: December 21, 2001 §
§
FOR: Povidone-Containing §
Carriers For Polypeptide §
Growth Factors §

GROUP ART UNIT: 1654

EXAMINER: Jeffrey E. Russel

INFORMATION DISCLOSURE STATEMENT

Atty. Dkt. No.: SBI-111 (1536-01700)

Date: October 20, 2003

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Sir:

This Information Disclosure Statement, including completed Form PTO-1449, comprises a list of pertinent art of which Applicants are aware. If this application was filed prior to June 30, 2003, a copy of each publication listed on Form PTO-1449 is enclosed herewith.

The submission of this Information Disclosure Statement and the references submitted therewith is not an admission that the art cited is "prior" with respect to the present invention, nor is it a representation, that no better art exists. Applicants hereby reserve the right to swear behind or otherwise disprove any alleged "prior" nature of any art cited should the facts support and the situation warrant such an action. It is submitted that the art cited does not constitute a bar to the patentability of Applicants' invention under 35 U.S.C. § 102 or § 103.

Because an Office Action has been entered in this case, this Information Disclosure Statement is being filed under C.F.R. 1.97(c). Applicant hereby authorizes the Commissioner to charge Deposit Account 03-2769 of Conley Rose, P.C. the amount of \$180 so that this Information Disclosure Statement may be considered.

Respectfully submitted,

10/24/2003 EFLORES 00000068 032769 10027669

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Carol G. Mintz

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OCT 22 2003

PTO/SB/017 (10-03)

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FEE TRANSMITTAL
For FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** **\$180.00****Complete if Known**

Application Number	10/027,669
Filing Date	December 21, 2001
First Named Inventor	Rama Akella et al.
Examiner Name	Jeffrey E. Russel
Art Unit	1654
Attorney Docket No.	SBI-111 (1536-01700)

METHOD OF PAYMENT (Check all that apply)
☐ Check ☐ Credit Card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:
 Deposit Account Number: 03-2769
 Deposit Account Name: Conley Rose, P.C.

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below
☒ Charge any additional fee(s) during the pendency of this application
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account
☒ Credit any overpayments
FEE CALCULATION**1. BASIC FILING FEE**

Large Entity Fee	Small Entity Fee	Code (\$)	Fee Description	Fee Paid
1001 770	2001 385		Utility filing fee	\$
1002 340	2002 170		Design filing fee	\$
1003 530	2003 265		Plant filing fee	\$
1004 770	2004 385		Reissue filing fee	\$
1005 160	2005 80		Provisional filing fee	\$

SUBTOTAL (1) \$**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

Total Claims	Extra Claims	Fee from below	Fee Paid
20** = *	x	18.00	\$
Independent Claims	3** = *	x	86.00 = \$
Multiple Dependent		290.00	= \$00.00

Large Entity Fee	Small Entity Fee	Code (\$)	Fee Description
1202 18	2202 9		Claims in excess of 20
1201 86	2201 43		Independent Claims in excess of 3
1203 290	2203 145		Multiple dependent claim, if not paid
1204 86	2204 43		** Reissue independent claims over original patent
1205 18	2205 9		** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) \$

** or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Entity Fee	Small Entity Fee	Code (\$)	Fee Description	Fee Paid
1051 130	2051 65		Surcharge - late filing fee or oath	\$
1052 50	2052 25		Surcharge - late provisional filing fee or cover sheet	\$
1053 130	2053 65		Non-English specification	\$
1812 2,520	1812 2,520		For filing a request for <i>ex parte</i> reexamination	\$
18042 920*	1804 920*		Requesting publication of SIR prior to Examiner action	\$
1805 1,840*	1805 1,840*		Requesting publication of SIR after Examiner action	\$
1251 110	2251 55		Extension for reply within first month	\$
1252 420	2252 210		Extension for reply within second month	\$
1253 950	2253 475		Extension for reply within third month	\$
1254 1,480	2254 740		Extension for reply within fourth month	\$
1255 2,010	2255 1,005		Extension for reply within fifth month	\$
1401 330	2401 165		Notice of Appeal	\$
1402 330	2402 165		Filing a brief in support of an appeal	\$
1403 280	2403 140		Request for oral hearing	\$
1451 1,510	1452 1,510		Petition to institute a public use proceeding	\$
1452 110	2452 55		Petition to revive - unavoidable	\$
1453 1,330	2453 665		Petition to revive - unintentional	\$
1501 1,330	2501 665		Utility issue fee (or reissue)	\$
1502 480	2502 240		Design issue fee	\$
1503 640	2503 320		Plant issue fee	\$
1460 130	1460 130		Petitions to the Commissioner	\$
1807 50	1806 50		Processing fee under 37 CFR 1.17(g)	\$
123 50	123 50		Petitions related to provisional applications	\$
1806 180	1806 180		Submission of Information Disclosure Stmt	\$180.00
8021 40	8021 40		Recording each patent assignment per property (times number of properties)	\$
1809 770	2809 385		Filing a submission after final rejection (37 CFR § 1.129(a))	\$
1810 770	2810 385		For each additional invention to be examined (37 CFR § 1.129(b))	\$
1801 770	2801 385		Request for Continued Examination (RCE)	\$
1802 900	1802 900		Request for expedited examination of a design application	\$

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) \$180.00**SUBMITTED BY**

Complete (if applicable)

Name (Print/Type)

Carol G. Mintz

Registration No.
(Attorney/Agent)

38,561

Telephone

(713) 238-8000

Signature

Carol G. Mintz

Date

October 20, 2003

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P. O. Box 1450, Alexandria, VA 22313-1450. DO NOT SENT FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

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112423.01/1536-01700

Form PTO-1449 (Modified)						Atty. Docket No. SBI-111		Serial No. 10/027,669	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)									
						Applicant Rama Akella et al.			
						Filing Date December 21, 2001		Group 1654	

OIP
OCT 22 2003
PATENT & TRADEMARK OFFICE

REFERENCE DESIGNATION U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
	A1	3,927,205	12/16/1975	Ohno et al.	424	80	
	A2	5,371,191	12/06/1994	Poser et al.	530	350	
	A3	5,543,392	08/06/1996	Tomita et al.	514	8	
	A4	5,981,489	11/09/1999	Stevenson et al.	514	15	
	A5	5,994,094	11/30/1999	Hötten et al.	435	69.1	
	A6	6,120,760	09/19/2000	Hötten et al.	424	85.1	
	A7	6,197,550	03/06/2001	Hötten et al.	435	69.5	
	A8	US2002/0009789	01/24/2002	Hanyu et al.	435	189	

FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	Translation	
							YES	NO
	B9	EP 0516901	06/06/1991	EP	A01N	1/02		

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)		
	C1	PCT International Search Report, PCT/US02/41077 dated July 28, 2003
	C2	Prochazka et al., <i>Epidermal Growth Factor and Insulin Growth Factor 1 Increase FSH-stimulated Expansion of Porcine Cumulus Cells in Serum-free Medium</i> , J. Reproduction and Fertility. July 2000, Abstract Series, No. 25, p. 64, Abstract 173 (entire document).
	C3	Hu, Yunyu et al., <i>Injection of basic fibroblast growth factor and bone morphogenetic protein for osteogenesis stimulation</i> , CHEMICAL ABSTRACTS 63 PHARMACEUTICALS, Vol. 13, No. 4 (January 24, 2000) 132: 40522. Faming Zhuanli Shenqing Gongkai Shuomingshu, CN 1,163,780 05 Nov. 1997 (CH).
	C4	R.J. Laham et al., <i>Intrapericardial Delivery of Fibroblast Growth Factor-2 Indices Neovascularization in a Procine Model of Chronic Myocardial Ischemia</i> , J. Pharmacolo. Exp. Ther. 292(2), 795-802 (2000)
	C5	N. Yamamoto et al., <i>Histological Evidence That Basic Fibroblast Growth Factor Enhances the Angiogenic Effect of Transmyocardial Laser Revascularization</i> , J. Pharmacolo. Exp. Ther. 95(1), 55-63 (2000)
	C6	X.M. Mueller et al., <i>Myocardial angiogenesis induction with bone protein derived growth factors (animal experiment)</i> , Swiss Med. Wkly 2001, 131:23-25, www.smw.ch
	C7	H.S. Wiley and D.D. Cunningham, <i>Epidermal Growth Factor Stimulates Fluid Phase Endocytosis in Human Fibroblasts Through a Signal Generated at the Cell Surface</i> , Journal of Cellular Biochemistry (1982) 19:383-394
	C8	Robinson, Sullivan, Borzelleca, Schwartz, <i>PVP: a Critical Review of the Kinetics and Toxicology of the Polyvinylpyrrolidone (Providone)</i> , Lewis Publishers, Inc., Synthesis and Properties of PVP, pp. 10-19
	C9	M. Sakaguchi et al., <i>A Combination of EGF and IFG-I Accelerates The Progression of Meiosis in bovine Follicular Oocytes In Vitro and Fetal Calf Serum Neutralizes the Acceleration Effect</i> , Theriogenology (2000) 54:1327-13242
	C10	Yonggang, Chen Junchang et al., <i>Percutaneous injection of bone morphogenetic protein and polyvinyl pyrrolidone composite</i> , Journal of XI'AN Medical University (April 2001) Vol. 22, No. 2 (ENGLISH ABSTRACT)

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP '609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.